(54) Title: APPARATUS AND METHOD FOR CLASSIFYING MULTI-DIMENSIONAL BIOLOGICAL DATA
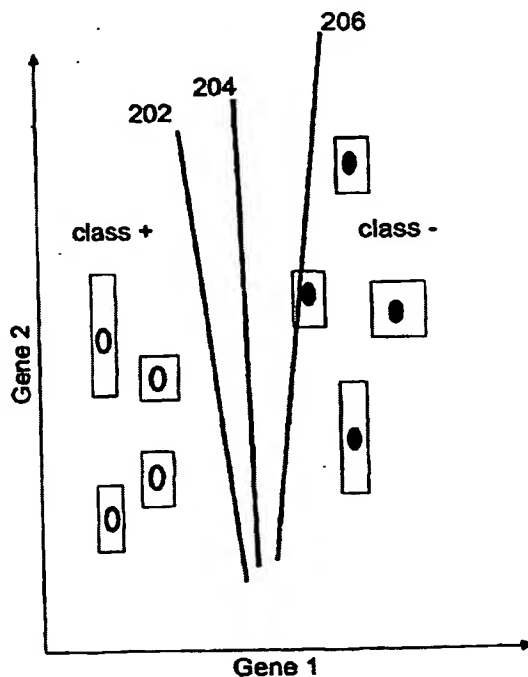
(57) Abstract: Apparatus and method for
classifying multi-dimensional biological data are
described. In some embodiments, a methodology
for deriving a linear classification rule can be used for
predicting a biological activity or a biological state.
Advantageously, the methodology described herein
facilitates obtaining robust and sparse classifiers
that account for uncertainty involved in real-world
experiments and improve computational efficiency
and ease of interpretation of results.

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